

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                        | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|----------------------------|------------------|---------|------------------|
| L1    | 46    | (bulk mass) near5 (message document e\$mail publication) same register\$3 same (server database storage)                 | US-PGPUB;<br>USPAT         | OR               | ON      | 2007/09/27 14:12 |
| L2    | 28    | 1 and @ad<"20030915"   | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/09/27 14:12 |
| S1    | 7782  | 709/204-207.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/21 14:55 |
| S2    | 715   | S1 and (spam (undesired near3 (message e\$mail)))  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:06 |
| S3    | 186   | signature and S2   | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/21 14:57 |
| S4    | 10    | ((subscrib\$3 and unsubscrib\$3) (register\$3 and unregister\$3) (authoriz\$3 and unauthoriz\$3)) with address\$2 and S3 | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/21 16:18 |
| S5    | 3     | S4 and @ad<"20030915"  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:07 |
| S6    | 7221  | (signature key authenticat\$3) with sender   | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:07 |
| S7    | 26    | ((subscrib\$3 and unsubscrib\$3) (register\$3 and unregister\$3) (authoriz\$3 and unauthoriz\$3)) with address\$2 and S2 | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/21 16:18 |
| S8    | 178   | S6 and S2  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/21 16:19 |
| S9    | 62    | S8 and @ad<"20030915"  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:05 |
| S10   | 16581 | (bulk or mass) and (subscription or subscrib\$3)   | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:06 |
| S11   | 7793  | 709/204-207.ccls.  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:07 |
| S12   | 718   | S11 and (spam (undesired near3 (message e\$mail)))   | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/05/22 11:07 |

## EAST Search History

|     |       |  |                            |    |    |                  |
|-----|-------|--|----------------------------|----|----|------------------|
| S13 | 155   | S12 and S10  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 11:07 |
| S14 | 76    | S13 and @ad<"20030915"   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/09/27 14:12 |
| S15 | 7233  | (signature key authenticat\$3) with sender   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 13:08 |
| S16 | 23    | S15 and S14  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 11:12 |
| S17 | 23    | server and S16   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 11:12 |
| S18 | 21    | ((e\$mail mail) near3 server) and S16  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 11:17 |
| S19 | 2     | (list with register\$3) and S18  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 11:18 |
| S20 | 1697  | (register registration) with sender  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 13:09 |
| S21 | 9     | S20 and S14  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 13:41 |
| S22 | 56446 | (register registration) with (news letter article publication subscription)          | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 13:43 |
| S23 | 7     | S14 and S22  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 13:53 |
| S24 | 39    | (bulk mass) with e\$mail with (registration register\$3)                             | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 14:05 |
| S25 | 19    | S24 and @ad<"20030915"   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 14:19 |
| S26 | 45    | (bulk mass) with (publication e\$mail news\$letter) with (registration register\$3)  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 14:13 |
| S27 | 32    | (bulk mass) near3 (publication e\$mail news\$letter) with (registration register\$3) | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2007/05/22 14:18 |

## EAST Search History

|     |    |                                 |                            |    |     |                  |
|-----|----|---------------------------------|----------------------------|----|-----|------------------|
| S28 | 38 | ((mass bulk) near5 e\$mail).ab. | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2007/05/22 14:19 |
| S29 | 18 | S28 and @ad<"20030915"          | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2007/05/22 14:24 |
| S30 | 9  | S29 and subscri\$5              | US-PGPUB;<br>USPAT;<br>EPO | OR | ON  | 2007/05/22 14:43 |
| S31 | 1  | ("20040177120").PN.             | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2007/05/22 14:43 |